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(71) Applicant (for all designated States except US):
NANYANG TECHNOLOGICAL UNIVERSITY
[SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OOI, Kim Tiow**

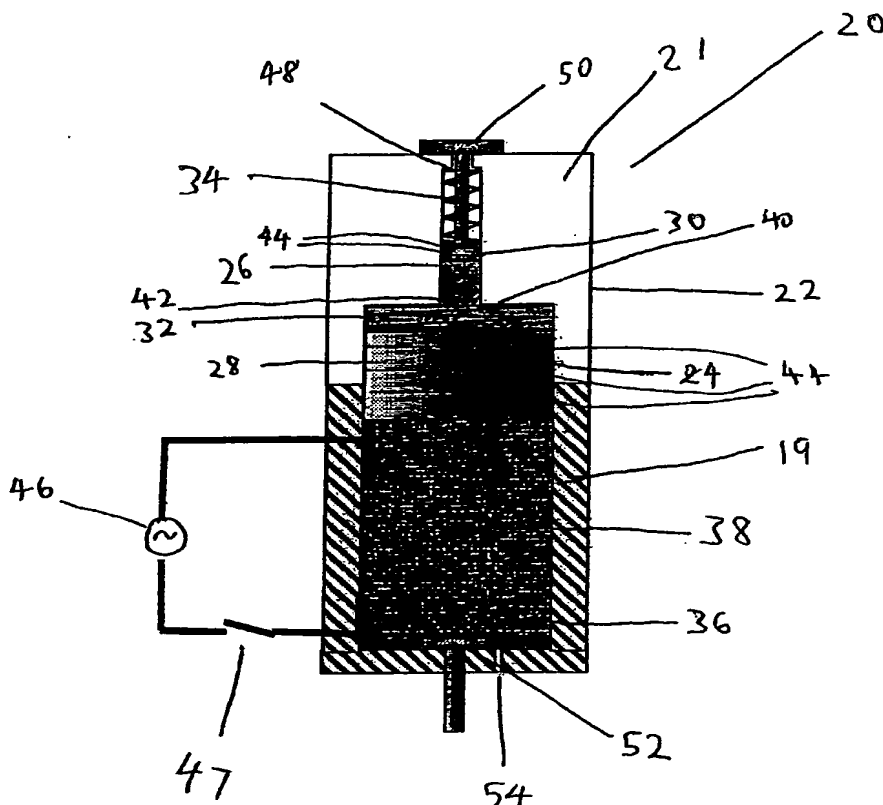
[MY/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).
YANG, Chun [CA/SG]; 50 Nanyang Avenue, Singapore
639798 (SG). **WONG, Teck Neng** [SG/SG]; 50 Nanyang
Avenue, Singapore 639798 (SG). **HUANG, Xiaoyang**
[SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).
MARCOS [ID/SG]; 50 Nanyang Avenue, Singapore
639798 (SG). **KANG, Yuejun** [CN/SG]; 50 Nanyang
Avenue, Singapore 639798 (SG).

(74) Agent: **ALBAN TAY MAHTANI & DE SILVA**; 39
Robinson Road #07-01 Robinson Point, Singapore 068911
(SG).

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(54) Title: A METHOD OF ACTUATING AND AN ACTUATOR



(57) Abstract: A method of actuating, comprising: filling at least a portion of a tube (21) with a liquid (19) containing electrolytes, the tube (21) having an inner surface that is electrically chargeable when in contact with the liquid (19); positioning an object (28) in fluid communication with the liquid in the tube; and applying an electrical field (46) along a lengthwise axis across the tube at said portion for producing a pressure in the liquid. The pressure in the liquid exerts a force on the object so as to actuate the object (28, 30). An actuator (20) is also disclosed.

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